

Abstract of the Disclosure

This invention provides extended release potassium chloride granules consisting essentially of potassium chloride crystals having a mesh size of about 20 - 60 mesh that are coated only with ethylcellulose. The granules may be compressed into tablets that disintegrate rapidly in an aqueous environment to provide uniform dissolution of the potassium chloride. Tablets containing about 10 to about 20 milliequivalents potassium may be formulated in accordance with the invention. Processes to produce extended release granules without using surfactants, processing aids or other coating aids are also provided by this invention. A method is further provided whereby a patient's supplemental potassium requirements are met by administering an appropriate combination of dosage units chosen from available dosage units containing different quantities of potassium.

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